

## FLC131 LED Surface mounted

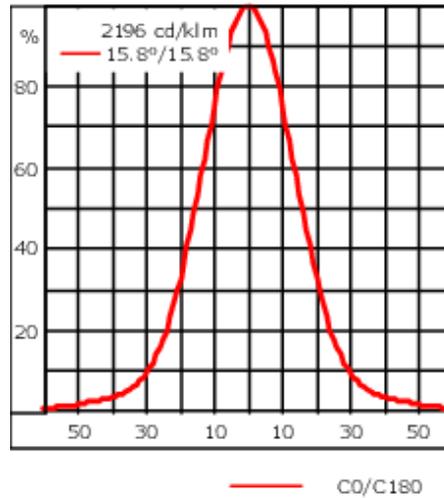
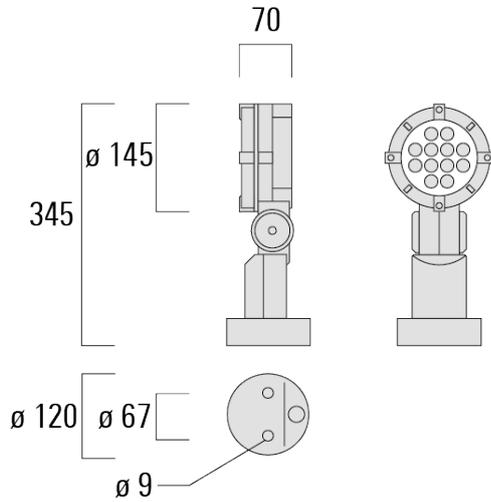
**Description**

IP66, Class I. IK07. Marine-grade, die-cast aluminium alloy. 5CE superior corrosion protection including PCS hardware. Safety glass lens. Silicone CCG® Controlled Compression Gasket.

Integral EC electronic converter in thermally-separated compartment. Advanced thermal management protects LEDs while optimising lumens output. CAD-optimised optics for superior illumination and glare control. OLC® One LED Concept. Optional 2200 K version available. To be specified at time of ordering.

|                           |                              |
|---------------------------|------------------------------|
| Weight                    | 2.50 kg                      |
| Light distribution        | symmetric, medium beam [M]   |
| Light source              | LED-12/24W / 700 mA - 4000 K |
| CRI                       | 80                           |
| Power supply              | EC                           |
| LEDs                      | 12                           |
| Rated input power         | 27 W                         |
| <b>Nominal Lumen (lm)</b> |                              |
| LED Lumen                 | 310                          |
| Total Lumen               | 3720                         |
| T <sub>j</sub>            | 85                           |
| <b>Rated lumens (lm)</b>  |                              |
| LED Lumen                 | 267.1                        |
| Total Lumen               | 3205.4                       |
| T <sub>a</sub>            | 25                           |

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**Specifications**

**Material description**

|                      |  |
|----------------------|--|
| Body                 | Marine-grade, die-cast aluminium alloy   |
| Lens                 | Safety glass lens  |
| Colours              | <div style="display: flex; align-items: center;"> <div style="width: 20px; height: 15px; background-color: black; margin-right: 5px;"></div> <div>RAL9004 Signal black</div> </div> <div style="display: flex; align-items: center; margin-top: 5px;"> <div style="width: 20px; height: 15px; background-color: #808080; margin-right: 5px;"></div> <div>RAL9007 Grey aluminium</div> </div> <div style="display: flex; align-items: center; margin-top: 5px;"> <div style="width: 20px; height: 15px; background-color: #404040; margin-right: 5px;"></div> <div>RAL7016 Anthracite grey</div> </div> <div style="display: flex; align-items: center; margin-top: 5px;"> <div style="width: 20px; height: 15px; background-color: #e0e0e0; margin-right: 5px;"></div> <div>RAL9016 Traffic white</div> </div> |
| Gasket               | Silicone CCG® Controlled Compression Gasket  |
| Fasteners            | PCS hardware   |
| Ingress protection   | IP66   |
| Impact resistance    | IK07   |
| Corrosion resistance | 5CE  |
| Windage              | 0.041 m <sup>2</sup>   |

**Electrical description**

|                  |   |
|------------------|---|
| Power supply     | 220-240V / 50-60 Hz   |
| Driver / Ballast | Integral EC electronic converter in thermally-separated compartment |

146-0400

**we-ef**

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**Additional information**

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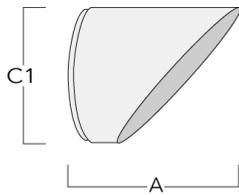
|          |                        |
|----------|------------------------|
| Lifetime | Ta=25° L90B10 > 90000h |
|----------|------------------------|

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**Optical Accessories**

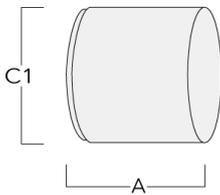
**Glare shield**

| Description     | Part ID  | A   | C1  |
|-----------------|----------|-----|-----|
| Glare shield ES | 146-0156 | 110 | 100 |



**Snoot**

| Description | Part ID  | A    | C1  |
|-------------|----------|------|-----|
| Snoot ET    | 146-0397 | 95,5 | 126 |

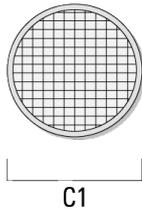


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**Flood lens**

| Description       | Part ID  | C1  |
|-------------------|----------|-----|
| Flood lens IO-360 | 146-0419 | 110 |



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**Linear louvre**

| Description      | Part ID  | C1  |
|------------------|----------|-----|
| Linear louvre IL | 146-9055 | 110 |

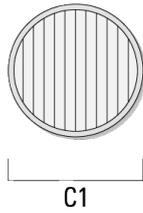


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**Linear spread lens**

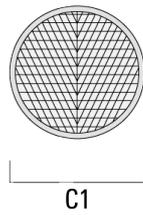
| Description               | Part ID  | C1  |
|---------------------------|----------|-----|
| Linear spread lens IO-180 | 146-0418 | 110 |



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**Wallwash lens**

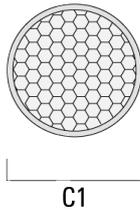
| Description         | Part ID  | C1  |
|---------------------|----------|-----|
| Wallwash lens IO-20 | 146-0645 | 110 |



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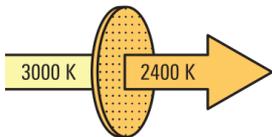
**Honeycomb louvre**

| Description         | Part ID  | C1  |
|---------------------|----------|-----|
| Honeycomb louvre IW | 146-0625 | 110 |



**Colour correction filter**

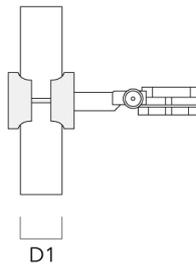
| Description      | Part ID  |
|------------------|----------|
| IF-3000K > 2400K | 146-9054 |



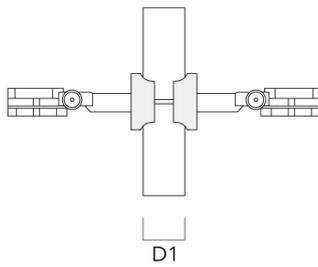
**Mounting Accessories**

**Pole clamp**

| Description                           | Part ID  | D1    | Weight (kg) | D     |
|---------------------------------------|----------|-------|-------------|-------|
| Pole clamp SP1-2/M8, single (Ø 76-89) | 146-0246 | 76-89 | 1.20        | 76-89 |

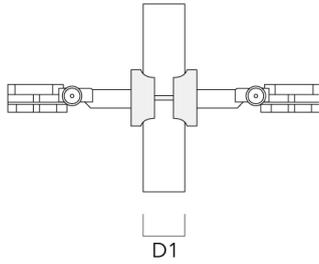


|                                       |          |       |   |       |
|---------------------------------------|----------|-------|---|-------|
| Pole clamp SP2-2/M8, double (Ø 38-60) | 146-0247 | 38-60 | 1 | 38-66 |
|---------------------------------------|----------|-------|---|-------|

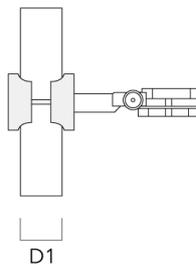


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| Description                           | Part ID  | D1    | Weight (kg) | D     |
|---------------------------------------|----------|-------|-------------|-------|
| Pole clamp SP2-2/M8, double (Ø 76-89) | 146-0248 | 76-89 | 1.20        | 76-89 |



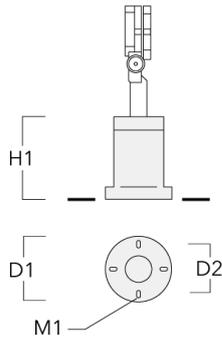
|                                       |          |       |   |       |
|---------------------------------------|----------|-------|---|-------|
| Pole clamp SP1-2/M8, single (Ø 38-60) | 146-0245 | 38-60 | 1 | 38-66 |
|---------------------------------------|----------|-------|---|-------|



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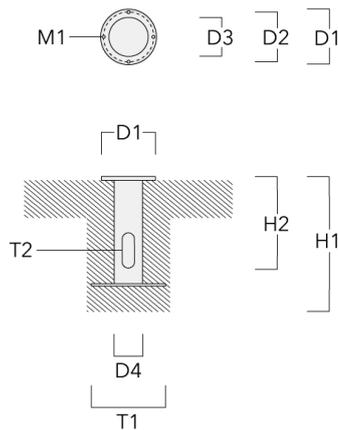
**Short post**

| Description         | Part ID  | D1  | D2  | H1  | M1 | Weight (kg) |
|---------------------|----------|-----|-----|-----|----|-------------|
| Short post EM1-2/M8 | 146-0253 | 160 | 130 | 200 | 9  | 1.10        |



**Planted root**

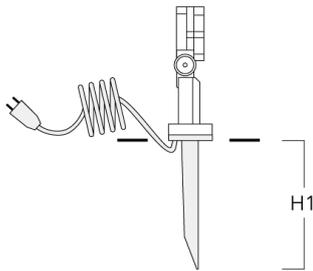
| Description       | Part ID     | D1  | D2  | D3 | D4 | H1  | H2  | M1 | T1  | T2       | Weight (kg) |
|-------------------|-------------|-----|-----|----|----|-----|-----|----|-----|----------|-------------|
| Planted root ESV4 | 300-0461-AP | 150 | 130 | 60 | 89 | 400 | 350 | 8  | 200 | 50 x 100 | 3.85        |



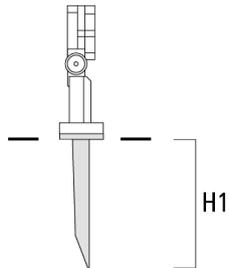
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**Ground spike**

| Description                                 | Part ID  | H1  | Weight (kg) |
|---|----------|-----|-------------|
| Ground spike EF1 (including cable and plug) | 146-0251 | 270 | 0.40        |



|   |          |     |      |
|---|----------|-----|------|
| Ground spike EF1 (without cable and plug) | 146-0250 | 270 | 0.40 |
|---|----------|-----|------|



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**Junction box**

| Description      | Part ID  | D1  | D2 | M1 | Weight (kg) |
|------------------|----------|-----|----|----|-------------|
| Junction box JB1 | 310-9000 | 135 | 67 | 9  | 1.6         |

